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February 25, 2016

C. L. Christian, III
President, Ohley Land Company
P.O. Box 638
Lynchburg, VA 24505

By Certified Mail - Return Receipt Requested

Re: 60-Day notice of Intent to File Citizens Suit Under Clean Water Act Section 505(a)(1) for Violations of Section 301 of that Act.

To C. L. Christian, III,

The Sierra Club, Ohio Valley Environmental Coalition, and West Virginia Highlands Conservancy, in accordance with section 505 of the Clean Water Act (the "Act" or the "CWA"), 33 U.S.C. § 1365, and 40 C.F.R. Part 135, hereby notify you that Ohley Land Company ("Ohley") has violated, and continues to violate, "an effluent standard or limitation" under Sections 301(a) and 505(a)(1)(A) of the Act, 33 U.S.C. §§ 1311(a), 1365(a)(1)(A), by discharging pollutants from at least two unpermitted point sources. Those point sources are located in Kanawha County, West Virginia, on property that was formerly subject to coal mining activities. If, within sixty days of the postmark of this letter, Ohley does not bring its discharges into full compliance with the Act, either by obtaining and complying with a WV/NPDES permit with appropriate effluent limitations or by ceasing the discharge of pollutants through treatment or otherwise, we intend to file a citizen suit seeking civil penalties for Ohley's ongoing violation and an injunction compelling Ohley to comply with the Act.

I. Factual Background

In 2012, the West Virginia Department of Environmental Protection ("WVDEP") performed water sampling, photography and laboratory analysis of surface water discharges in the Upper Kanawha Watershed. Two of the locations sampled in the Cane Fork subwatershed were identified by WVDEP as mine discharges. Neither of those two sites is located in an area covered by a current West Virginia Surface Coal Mining and Reclamation Act ("WVSCMRA") permit. Although the sites are in the vicinity of released WVSCMRA permits O015983, O016083, and U038700, the sources appear to be associated with mining activities that took place prior to the enactment of the federal Surface Mining Control and Reclamation Act, 30 U.S.C. § 1234 et seq.

According to public records, Ohley owns the real property containing the mine discharges. Each discharge originates from a discernible, confined and discrete conveyance, and is therefore a point source discharge under the Act. Neither of the point sources is covered by a WV/NPDES permit. Following is a description of each of the sites, as compiled from WVDEP field sheets, pictures, and lab reports.

Site 1: Mine Seep into Cane Fork (WVK-61-J-{0.2}-Seep)

Site 1 consists of a pipe emerging from the hillside discharging into a culvert. The culvert then discharges into Cane Fork of Cabin Creek of the Kanawha River. The pipe is discharging water containing aluminum, iron, low pH, conductivity, TDS, and sulfates into the culvert and then into Cane Fork. See Exhibit 1. A pipe and culvert are point sources as defined under the Act.

Site 2: Mine Seep into Cane Fork (WVK-61-J-{0.55}-Seep)

Site 2 consists of a pipe emerging from the hillside. The pipe is discharging iron, manganese, conductivity, TDS, and sulfates into Cane Fork of Cabin Creek of the Kanawha River. *See* Exhibit 2. A pipe is a point source as defined under the Act.

The coordinates, specific water chemistry, and dates of sampling for each location are contained in Exhibit 3 to this letter.

WVDEP has identified Cane Fork as impaired for aluminum, the biological condition, iron, and pH and has developed Total Maximum Daily Loads ("TMDLs") for those pollutants.

The sampling performed by WVDEP does not purport to specify all possible pollutants discharged from the sources. Therefore, it is likely that other pollutants are being discharged as well. The point sources are untreated and therefore discharges are likely to continue unabated.

II. Clean Water Act Violations

Section 301 of the CWA bans "any addition of any pollutant to navigable waters from any point source" without a permit. West Virginia Highlands Conservancy v. Huffman, 625 F.3d 159, 165 (4th Cir. 2010). This prohibition applies to post-mining discharges. Section 301(a) prohibits "the discharge of any pollutant by any person" without a permit under the Act. In the absence of an active operator, the landowner is responsible for obtaining a permit and complying with its provisions. Webb v. Gorsuch, 699 F.2d 157, 161 (4th Cir. 1983) ("post-mining discharges from a point source such as these mines are illegal in the absence of an NPDES permit, the conditions of which the owner of the property must meet").

The sources sampled by WVDEP, described above, are point sources as that term is used in the context of the CWA. 33 U.S.C. § 1362(14). The streams receiving the point source discharges are "navigable waters" under the Act. The above-described point sources discharged the identified pollutants into Cane Fork on the dates sampled by WVDEP and every time water flows from each point source. Without an active operator to control the discharges, Ohley is responsible for obtaining and complying with a WV/NPDES Permit for those sources. It has not

done so. As a result, Ohley is in violation of Section 301(a) of the CWA, 33 U.S.C. 1311(a), for discharging pollutants without a permit.

III. Conclusion

As described above, Ohley has discharged pollutants from at least two unpermitted point sources on its property into Cane Fork without a permit, and Cane Fork is a water of the United States. Consequently, Ohley has violated and is in violation of the CWA. If Ohley does not cease these violations, we intend to bring a citizen suit against it under Section 505 of the Clean Water Act seeking civil penalties and injunctive relief to enforce the permit requirement.

If Ohley does not advise us of any remedial steps during the 60-day period, we will assume that no such steps have been taken, that the violations described above are accurate and persist, and that violations are likely to continue. Additionally, we would be happy to meet with Ohley or its representatives to attempt to resolve these issues within the 60-day notice period. However, if violations are continuing at the time this letter ripens, we do not intend to delay filing suit.

Sincerely,

Amy Vernon-Jones Joseph M. Lovett

Appalachian Mountain Advocates

P.O. Box 507

Lewisburg, WV 24901

(304) 645-9002

avernonjones@appalmad.org

Counsel for:

The Sierra Club 85 Second Street, 2d Floor San Francisco, CA 94105-3441 (415) 977-5680

Ohio Valley Environmental Coalition PO Box 6753 Huntington, WV 25773 (304) 522-0246

West Virginia Highlands Conservancy P.O. Box 306 Charleston, WV 25321 (304) 924-5802

cc: <u>Via Certified Mail</u>

Secretary Randy Huffman West Virginia Department of Environmental Protection 601 57th Street, SE Charleston, WV 25304

Regional Administrator Shawn M. Garvin U.S. Environmental Protection Agency Region III 1650 Arch Street Philadelphia, PA 19103

Administrator Gina McCarthy U.S. Environmental Protection Agency Mail Code 1101A 1200 Pennsylvania Avenue, N.W. Washington, DC 20460

C. L. Christian, III Notice of Process for Ohley Land Company 1000 Church Street Lynchburg, VA 24504

Exhibit 1

The state of the s	General WQ	Sampling Form	61487
- 4 UM7 or 5	SUCCE	Reviewers Init	
Stream Name (with location	on) Came Fork #3	PER Mine Seep to Car	
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Explanation?		Duplicate #	Was site moved? ☐ Yes ☐ N
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General WQ Sampling Form Reviewers Initials Mine Seep to Stream Name (with location) Cane Fork (0.2) - Seep AN-Code Date H/30/12 Time 11:00 Geo Bio Basin Kanawha County Kanawha Quad **GPS Type** Previous EPE XY's Proofed By Field Lat X-site 19.6 38 5 N Field Lon X-site 81 26 29.1 W Corrected Lat N Corrected Lon W ☐ No Access-Physical Barrier (☐ Permanent / ☐ Temporary) ☐ No Access-Landowner Denial (☐ Verbal Denial /☐ Posted /☐ Fenced /☐ Private) If not, ✓Yes □ No Sampled \square Too Deep (\square Permanent-Not Wadeable I \square Temporary) \square Dry \square Filled \square Impounded why? ☐ Other: Sample Type YSI
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Other: Duplicate type ☐ None ☐ Lab ☐ Fecal Duplicate # Was site moved? ☐ Yes ☐ No Explanation? 77 South Sharon Exit. **Directions To Site** onto Cane Fork Road Seep last house Sketch of Assessment Reach and Comments: Indicate North with (1), indicate flow direction, indicate water sample (wq), Indicate lat and long site with (X). Draw the sketch with a fine resolution to give a specific idea of the location of the sonde. 2

Page 1 WVDEP WAB General WQ Sampling Form (4/18/2012)

Single WQ

Sample ID

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General WQ Sampling	Form	Q
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Stream Name (with location) Mine Seep to Cane Fork	<u> </u>	
AN-Code K-61-J-(0,55)-Seep Date 11/30/1	12 Time 10:26	Geo TMB Bio
Basin Upper Kanawha County Kanawha	7.72.77000	dale
CDC Turns D	's Proofed	Ву
Field Lat X-site 38 5 15.7 N Field Lon X-	-site 8/ 2	6 11,5 W
Corrected Lat N Corrected Lo		W
Sampled ZYes I No If not, why? If not I No Access-Physical Barrier (Permission Permission II not, why? I not Deep (Permanent-Not Wadeable Other: Sample Type ZYSI Fecal ZAMD Nutrients Acid Rain Orthophospin	manent □ Temporary) bal Denial □ Posted le □ Temporary) □ Dry	□ Fenced □ Private)
Duplicate type	nate □ Flow □ Other: te# Was s	ite moved?
Explanation?	1 11000	ite moved? Yes No
Directions To Site 77 South Sharon Exit, left or	oto Colo Co	eek Road
to Eskdale turn left to Came Fork Road.	nto Cabin Cr	eer road
BEFORE the bridge culvert.	. Deep is un	your right
Sketch of Assessment Reach and Comments: Indicate North with (\uparrow) , indicate lat and long site with (X). Draw the sketch with a fine resolution to give	cate flow direction, indica	ite water sample (wq),
In Soad Road 2 2 2 2 2 2 4 4 5 4 5 4 5 4 5 5 4 5 5 4 5 5 4 5	Cane Fork	Hill side
lotes	Sing Sam	de WQ 65693

(-)	ocation	□ Left Channel □ F	tignt c	nannei 🗆 Othe	r:	veg (□ Left □ Middle □ Righ	12507	Type 🛘	Comp	osite 🗆	Other
15/11	Physicoche	mical Parameters	Calmin .	Anny Tibes in the	1 N 124 G	Lab Water Method G	irab 🗆	Sample Tul	oe 🗆 E	Bucket	
Flag	S	le Water Quality . ample)	Se	asonal Water Level		Water Odors	Sur	ace "Oils"		Turbid	ty
	13	Temperature °C	V	Below Normal		Normal ACT + C		None		Clear	
	5.92	pH (std. Units)		Normal		Sewage (Not Septic)	- 55	Flecks	0	Slightly	Turbi
	10,53	Dissolved Oxygen (mg/L)		Above Normal		Petroleum	4	Sheen		Modera	
	800	Conductivity (µmhos/cm)		Flooding		Chemical		Globs		Turbid Highly	Turbid
	Sonde I.D.	#:	Notes	:		Anaerobic (septic)		Slick	Water	color:	
lt	any problem:	s occur with the				Other: Metal				,	
W	ater Meter or	any readings are notes in the space			Foam	/Suds					
2,00	to the	right				0-4 or NR)			31	H NA	
BC	OVE: Record	readings in box f	or cor	responding phy	sicoch	nemical parameter. Insert a	√in the	box for oth	er cat	egories.	
	Atanti		•	Precip	itation	Status and History	1 4 10 1		4		
,		4- 0		næi.	Past Hou	Bright Martin				Major Rain	
uri	ent	No Rain	3 4		(lf		12.0	1		Event	□ Ye
		0,	1 18	E 184	Know			John W.		past veek?	
t is	s raining or i vhen water s	nas rained recently samples were colle	, which	h of the follow	ing bes	et describes the peak runoff n is in response to snowmel	(flush)	condition o			the
A		1 1 10 4	4	to 12 1	2 to 24	1 to 2 2 to 4	t, plea	4 to 7	s suc	h above	
	Hour			lours	Hours	Days Days	1	Days	U	Inknown	
UTE	low2: If a fle	el in the process o	frisin	g or falling at ti	ne time			☐ Rising		☐ Fa	lling
rfo	ormed, then i	w was scheduled	for th	e site and not		☐ Dry ☐ Low Flo	w	□ Too De	eep/To		
110		indicate if one of t	ne toli	owing applies	1 5		-				
eld	Water Notes	& Precipitation C	omme	ents:		☐ Instrument Failure		rozen/Ice		Safety	15-200
eld	Water Notes	& Precipitation C	omme	ents:				rozen/Ice		Safety	
eld	Water Notes	& Precipitation C	omme	ents:	on l			rozen/Ice		Safety	
ld	Water Notes	& Precipitation C	omme	ents:	on b	oucket = 42.76	591	rozen/Ice		Safety	
ld	Water Notes	& Precipitation C	omme	ents:	on b	oucket = 42.74	591	rozen/Ice		Safety	
eld	Water Notes	& Precipitation C	omme	ents:	on b	oucket = 42.76	591	rozen/Ice		Safety	
eld	Water Notes	& Precipitation C	omme	ents:	on b	oucket = 42.76	591	rozen/Ice		Safety	
ld	Water Notes	& Precipitation C	omme	ents:	on !	oucket = 42.76	591	rozen/Ice		Safety	
eld	Water Notes	& Precipitation C	omme	ents:	on l	oucket = 42.76	591	rozen/Ice		Safety	
eld	Water Notes	& Precipitation C	omme	ents:	on !	oucket = 42.76	591	rozen/Ice		Safety	
eld	Water Notes	& Precipitation C	omme	ents:	on !	oucket = 42.76	591	rozen/Ice		Safety	
∍ld	Water Notes	& Precipitation C	omme	ents:	on	oucket = 42.76	591	rozen/Ice		Safety	
eld	Water Notes	& Precipitation C	omme	ents:	on	oucket = 42.76	591	rozen/Ice		Safety	
eld	Water Notes	& Precipitation C	omme	ents:	on !	oucket = 42.76	591	rozen/Ice		Safety	
eld	Water Notes	& Precipitation C	omme	ents:	on	oucket = 42.76	591	rozen/Ice		Safety	
eld	Water Notes	& Precipitation C	omme	ents:	on	oucket = 42.76	591	rozen/Ice		Safety	
eld	Water Notes	& Precipitation C	omme	ents:	on	oucket = 42.76	591	rozen/Ice		Safety	
eld	Water Notes	& Precipitation C	omme	ents:	on	oucket = 42.76	591	rozen/Ice		Safety	

Exhibit 3

EXHIBIT 3

Willie Seep Into Cane Fork	11/1/2012	11/1/2012 WVK-61J-{0.2}-Seep	38 08877778	-		Flag	Value	Units
Mine Seep into Cane Fork	11/1/2012	MANY 64 1 (0.0) Coop	20.0001110		Al Dissolved		0.06 mg	0.06 mg/L or ppm
Mine Seen otal ages early	11/1/2012	11/1/2012 VVVN-01-J-{0.2}-Seep	38.08877778	-81.44141667	' Al Total		0.09 mg	0.09 mg/L or nnm
Mind Celle Fork	11/1/2012	11/1/2012 WVK-61-J-{0.2}-Seep	38.08877778	-81.44141667	, Alkalinity		10 mg	Il or apm
Mine Seep into Cane Fork	11/1/2012	11/1/2012 WVK-61-J-{0.2}-Seep	38.08877778			1		mg/l or ppm
Mine Seep into Cane Fork	11/1/2012	11/1/2012 WVK-61-J-{0.2}-Seep	38.08877778		1		14 mg/	iiig/L or ppm
Mine Seep into Cane Fork	11/1/2012	11/1/2012 WVK-61-J-{0.2}-Seep	38.08877778	1			14 mg/	14 mg/L or ppm
Mine Seep into Cane Fork	11/1/2012	11/1/2012 WVK-61-J-{0.2}-Seep	38 08877778	1		-	7.78 mg/	/./8 mg/L or ppm
Mine Seep into Cane Fork	11/1/2012	11/1/2012 WVK-61-J-{0.2}-Seep	38 08877778		Le Dissolved	-	1.48 mg/	1.48 mg/L or ppm
Mine Seep into Cane Fork	11/1/2012	11/1/2012 WVK-61-J-{0.2}-Seep	38 08877778	-	Leduca	-	1.67 mg/	1.67 mg/L or ppm
Mine Seep into Cane Fork	11/1/2012	11/1/2012 WWK-61-J-{0.2}-Seep	38 08877778		Haldiness Hot Asiasi	calc.	226.88 mg/L or ppm	/L or ppm
Mine Seep into Cane Fork	11/1/2012	11/1/2012 WWK-61-J-{0.2}-Seep	38 08877778		rrot Acidity	v	5 mg/	mg/L or ppm
Mine Seep into Cane Fork	11/1/2012	11/1/2012 WWK-61-J-{0.2}-Seep	38 08877778	81 44141667	M. Tall	-	/gm 6	mg/L or ppm
Mine Seep into Cane Fork	11/1/2012	11/1/2012 WVK-61J-{0.2}-Seen	38 08877778	01 4444667	My Total		25.2 mg/L or ppm	L or ppm
Mine Seep into Cane Fork	11/1/2012	11/1/2012 MAVK-61-1 (0.2) Soon	01111000.00	10014414100	IMILI TOTAL		0.324 mg/L or ppm	L or ppm
Mine Seep into Cane Fork	11/1/2012	11/1/2012 MAVK-61-1/0 2) Soon	30.00011118	-81.44141667	Na Total		148 mg/	148 mg/L or ppm
Mine Seen into Cane Fork	11/1/0040	MANY 64 1 (0.2) OCCP	30.0007770	-81.4414166/	PH		5.4 S.U.	
ine Seen into Cano Early	11/1/2012	11/1/2012 WVVR-61-J-{U.Z}-Seep	38.088/7778	-81.44141667	Specific Conductance		1123 uS o	1123 uS or umhos/cm
Mile Seep IIIIO Cane Fork	11/1/2012	11/1/2012 WVK-61-J-{0.2}-Seep	38.08877778	-81.44141667	Sulfate		487 mg/L or ppm	L or ppm
Milne Seep Into Cane Fork	11/1/2012	11/1/2012 WVK-61-J-{0.2}-Seep	38.08877778	-81.44141667	TDS		779 mg/L or ppm	Lorppm
Mine Seep into Cane Fork	11/1/2012	11/1/2012 WVK-61-J-{0.2}-Seep	38.08877778	-81.44141667	TSS	V	2 mg/l	me/l or nom
Mine Seep into Cane Fork	11/1/2012	11/1/2012 WVK-61-J-{0.2}-Seep	38.08877778	-81.44141667	Temperature			1
Mine Seep into Cane Fork	11/30/2012	11/30/2012 WVK-61-J-{0.2}-Seep	38.08877778	-81.44141667	Al Dissolved		0.21 mg/l	man/l or name
Mine Seep into Cane Fork	11/30/2012	11/30/2012 WVK-61-J-{0.2}-Seep	38.08877778	-81.44141667	Al Total		0.25 mg/1	or ppin
Mine Seep into Cane Fork	11/30/2012	11/30/2012 WVK-61-J-{0.2}-Seep	38.08877778	-81.44141667	Alkalinity		17 mg/l	mg/L or ppm
Mine Seep into Cane Fork	11/30/2012	11/30/2012 WVK-61-J-{0.2}-Seep	38.08877778	-81.44141667	Ca Total		61.2 ma/l	mg/l or ppill
Mine Seep into Cane Fork	11/30/2012	11/30/2012 WVK-61-J-{0.2}-Seep	38.08877778	-81.44141667	Chloride Total		14 mg/l 62 m	nidd io
Mine Seep into Cane Fork	11/30/2012 \	11/30/2012 WVK-61-J-{0.2}-Seep	38.08877778	-81 44141667	DO		7 02 (1	or ppm
Mine Seep into Cane Fork	11/30/2012 V	11/30/2012 WVK-61-J-{0.2}-Seep	38.08877778	-81.44141667	Fe Dissolved		7.32 mg/L or ppm	or ppm
Mine Seep into Cane Fork	11/30/2012 V	11/30/2012 WVK-61-J-{0.2}-Seep	38.08877778	-81,44141667	Fe Total			mg/L or ppm
Mine Seep into Cane Fork	11/30/2012 V	11/30/2012 WVK-61-J-{0.2}-Seep	38.08877778	-81.44141667	Hardness	Calc	275 94 mg/l	mg/L or ppm
Mine Seep into Cane Fork	11/30/2012 V	11/30/2012 WVK-61-J-{0.2}-Seep	38.08877778	-81.44141667	Hot Acidity	, v	5 ma/l or ppm	5 mg/L or ppm
Mine Seep into Cane Fork	11/30/2012 V	11/30/2012 WVK-61-J-{0.2}-Seep	38.08877778	-81.44141667	K Total		0 ma/l	or ppm
Mine Seep into Cane Fork	11/30/2012 V	11/30/2012 WVK-61-J-{0.2}-Seep	38.08877778	-81.44141667	Mg Total		29.9 mg/l or nnm	9 mg/L or nnm
Mine Seep into Cane Fork	11/30/2012 V	11/30/2012 WVK-61-, I-70 21-Seen	30 00077770	01 44444667	Ma Tatal		170000	100

EXHIBIT 3

will seep litto cane Fork	11/30/2012	11/30/2012 WVK-61-J-{0.2}-Seep	38.08877778	-81.44141667	Na Total		
Mine Seep into Cane Fork	11/30/2012	11/30/2012 WVK-61-J-{0.2}-Seep	38.08877778				194 mg/L or ppm
Mine Seep into Cane Fork	11/30/2012	11/30/2012 WVK-61-J-{0.2}-Seen	38 08877778				5.38 S.U.
Mine Seep into Cane Fork	11/30/2012	11/30/2012 MANK-61 LOSI SOCO	20.00011110				1442 uS or umhos/cm
Mine Seep into Cane Fork	11/30/2012	MAN/K 64 1 10 2) 6	38,088////8	200	Sulfate		742 mg/L or ppm
Mino Social of the state of the	2102/02/11	11/30/2012 VVVR-01-J-{U.Z}-Seep	38.08877778	-81.44141667	TDS		
Mine Seep Into Cane Fork	11/30/2012	11/30/2012 WVK-61-J-{0.2}-Seep	38.08877778	-81.44141667	TSS	V	
Willie Seep Into Cane Fork	11/30/2012	11/30/2012 WVK-61-J-{0.2}-Seep	38.08877778	-81.44141667	Temperature		13 00 °C
Mine Seep into Cane Fork	11/1/2012	11/1/2012 WVK-61-J-{0.55}-Seep	38.08769444		Al Dissolved		13.39 C
Mine Seep into Cane Fork	11/1/2012	11/1/2012 WVK-61-J-{0.55}-Seep	38.08769444	1	Al Total	,	0.02 mg/L or ppm
Mine Seep into Cane Fork	11/1/2012	11/1/2012 WVK-61-J-{0.55}-Seep	38.08769444		Alkalipitu		2.03 mg/L or ppm
Mine Seep into Cane Fork	11/1/2012	11/1/2012 WVK-61-J-{0.55}-Seep	38 08769444	-81 43652778	Co Total		23 mg/L or ppm
Mine Seep into Cane Fork	11/1/2012	11/1/2012 WVK-61-J-{0.55}-Seep	38.08769444	-81 43652778	Chlorido Total		68.9 mg/L or ppm
Mine Seep into Cane Fork	11/1/2012	11/1/2012 WVK-61-J-{0.55}-Seep	38 08760444	04 43657770	Cilionade Total		/ mg/L or ppm
Mine Seep into Cane Fork	11/1/2012	11/1/2012 WVK-611-{0.55}-Seen	38 08760444	01.450527.70	חם ו		10.9 mg/L or ppm
Mine Seep into Cane Fork	11/1/2012	11/1/2012 WWK-61- L/0 55, Soon	30.00700444	-01.43052778	re Dissolved		2.75 mg/L or ppm
Mine Seep into Cane Fork	11/1/2012	11/1/2012 WANK 61 1 10 FE) C.	30.00703444	-81.43652778	Fe Total		4.45 mg/L or ppm
Mine Seen oto Otor Good	441410040	vvvn-01-J-(0.35)-Seep	38.08769444	-81.43652778	Hardness	calc.	330.59 mg/L or ppm
Mino Coop and Calle Folk	11/1/2012	11/1/2012 WVK-61-J-{0.55}-Seep	38.08769444	-81.43652778	Hot Acidity	v	5 mg/L or ppm
Mine Seep Into Cane Fork	11/1/2012	11/1/2012 WVK-61-J-{0.55}-Seep	38.08769444	-81.43652778	K Total		7.2 mg/L or ppm
Mine Seep Into Cane Fork	11/1/2012	11/1/2012 WVK-61-J-{0.55}-Seep	38.08769444	-81.43652778	Mg Total		38.5 mg/l or nnm
Mine Seep into Cane Fork	11/1/2012	11/1/2012 WVK-61-J-{0.55}-Seep	38.08769444	-81.43652778	Mn Total		1 21 22/1 22 1
Mine Seep into Cane Fork	11/1/2012	11/1/2012 WVK-61-J-(0.55)-Seep	38.08769444	-81.43652778	Na Total		1.21 IIIB/LOI ppm
Mine Seep into Cane Fork	11/1/2012	11/1/2012 WVK-61-J-{0.55}-Seep	38.08769444	-81 43652778	DIG BU		ol.1 mg/L or ppm
Mine Seep into Cane Fork	11/1/2012	11/1/2012 WVK-61I-(0.55)-Seen	38 08760444	04 42652770			6.48 S.U.
Mine Seep into Cane Fork	11/1/2012	11/1/2012 MVK-61-1-(0 551-Seen	39 09760444	-01.43032178	Specific Conductance		710 uS or umhos/cm
Mine Seep into Cane Fork	11/1/2012	11/1/2012 WAVK-61-1 (0.55) Seep	39 09760444	-61.43552778	Sulfate		413 mg/L or ppm
Mine Seen of ordina Seen	11/1/2042	ANN OF TO THE OFTER	30.00703444	-81.43652778	IDS		645 mg/L or ppm
Aine Seen into Care Fork	11/1/2012	11/1/2012 VVVK-61-J-(0.55)-Seep	38.08769444	-81.43652778	TSS		15 mg/L or ppm
Mine Seep IIIO Calle Folk	7102/1/11	11/1/2012 WVK-61-J-{0.55}-Seep	38.08769444	-81.43652778	Temperature		12.93 °C
Mine Seep Into Cane Fork	11/30/2012 \	11/30/2012 WVK-61-J-{0.55}-Seep	38.08769444	-81.43652778	Al Dissolved		0.05 mg/L or ppm
Milline Seep Into Cane Fork	11/30/2012 \	11/30/2012 WVK-61-J-{0.55}-Seep	38.08769444	-81.43652778	Al Total		1.43 mg/L or ppm
Wine Seep into Cane Fork	11/30/2012 V	11/30/2012 WVK-61-J-{0.55}-Seep	38.08769444	-81.43652778	Alkalinity		8 mg/l or nnm
Wine Seep into Cane Fork	11/30/2012 V	11/30/2012 WVK-61-J-{0.55}-Seep	38.08769444	-81,43652778	Ca Total		
Mine Seep Into Cane Fork	11/30/2012 V	WVK-61-J-{0.55}-Seep	38.08769444	-81.43652778	Chloride Total		7 mg/l or nnm
Mine Seep into Cane Fork	11/30/2012 V	11/30/2012 WVK-61-J-{0.55}-Seep	38.08769444	-81.43652778	DO		10.53 mg/L or nnm
Mine Seep into Cane Fork	11/30/2012 V	11/30/2012 WVK-61-J-{0.55}-Seen	38 0876044	04 42650770		1	

(-	01: 12022110 1 e 10la	I Old		1 /0 mg/
Mine Seep into Cane Fork	11/30/2012 WVK-61-J-{0.55}-Seep		38 08769444		1	5.46 mg/L or ppm
Aine Spen into Cana Early		1	01/70004110-		calc.	327.06 mg/L or ppm
wille seep IIIto Calle Fork	11/30/2012 WVK-61-J-{0.55}-Seep	ep 38.08769444	-81 43652778 Hot Acidity	Hot Acidity	I	1000
Mine Seep into Cane Fork	11/30/2012 MANKET LIO EET Coop		1	rior Acidity		6 mg/L or ppm
	90-fcc.0}-0-10-000	38.08769444	-81.43652778 K Total	K Total		6 9 ma/l or pam
Wilne Seep Into Cane Fork	11/30/2012 WVK-61-J-{0.55}-Seep	38,08769444		Mo Totol		See Times and popular
Mine Seen into Capa Forty	0 111 01 1 10 11 01 01 01 01 01 11 01 01		0117000110	INIG LOTAL		37.4 mg/L or ppm
מוס סמום לסס סמו	11/30/2012 WVK-61-J-{0.55}-Seep		38.08769444 -81.43652778 Mn Total	Mn Total		1/11 22 //
Mine Seep into Cane Fork	11/30/2012 WVK-61-J-{0.55}-Seen		04 42650770		1	1.41 mg/L or ppm
The state of the s		1	50:00 03-114 -01.45052776 Na 10tal	Na Lotal		67.1 mg/L or ppm
wille seep illo cane Fork	11/30/2012 WVK-61-J-{0.55}-Seep	38.08769444	-81,43652778 РН	Hd		
Mine Seep into Cane Fork	21/20/2042 (1/20/2047)					5.32 5.0.
NO DIES SIE de la companya del companya del companya de la company	11/30/2012 WVN-01-J-{0.33}-Seep		-81.43652778	38.08769444 -81.43652778 Specific Conductance		800 115 or 11mbes /22
Mine Seep into Cane Fork	11/30/2012 WVK-61-J-{0.55}-Seep		-81 43652778 Culfato	Sulfato		Soo us of unimos/cm
Coop into Cond Park			01:10002110	Sunate		45/ mg/L or ppm
wille seep into cane Fork	11/30/2012 WVK-61-J-{0.55}-Seep	38.08769444	-81.43652778	TDS		670 2011
Mine Seep into Cane Fork	11/30/2012 NAVIK 61 1 10 661 C.C.					ovo mg/L or ppm
	יייייייייייייייייייייייייייייייייייייי		36.U8/09444 -81.43652778 TSS	TSS		9 mg/l or nam
Mine Seep into Cane Fork	11/30/2012 WVK-61-J-{0.55}-Seep		38.08769444 -81.43652778 Temperature	Temperatura		70 00